

Figure 1A

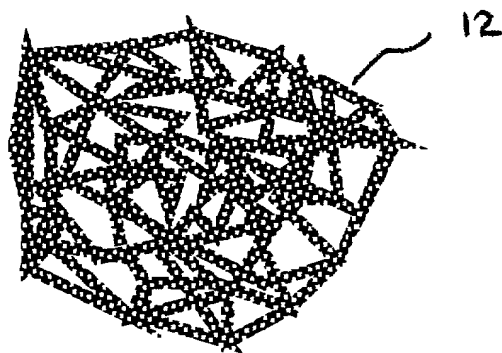


Figure 1B

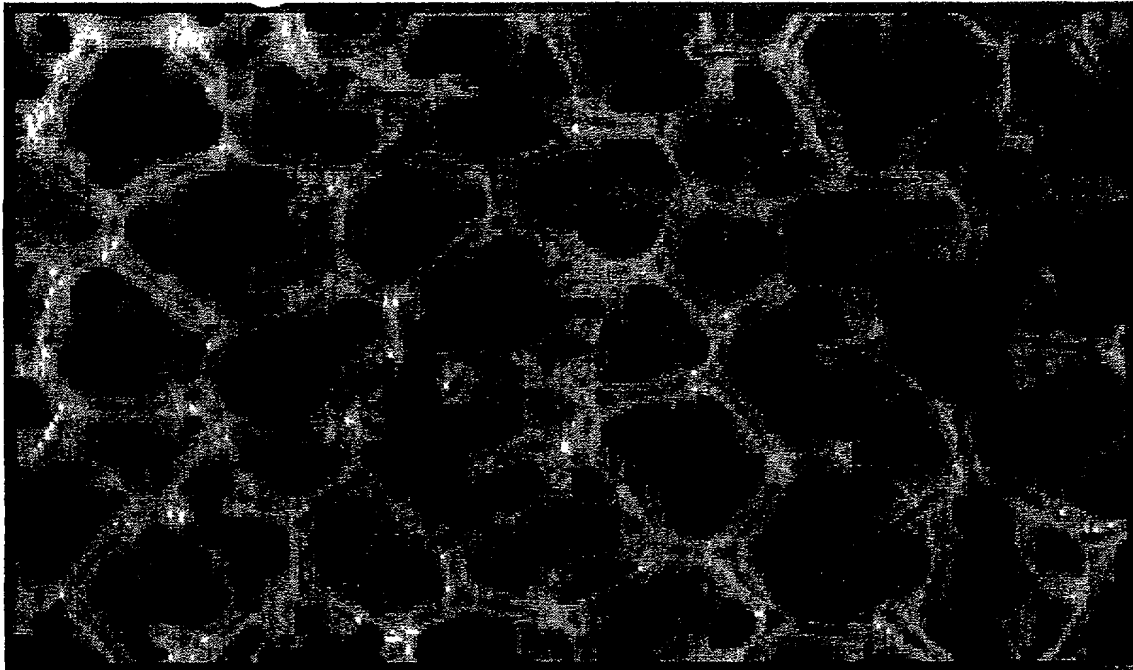


Figure 2A

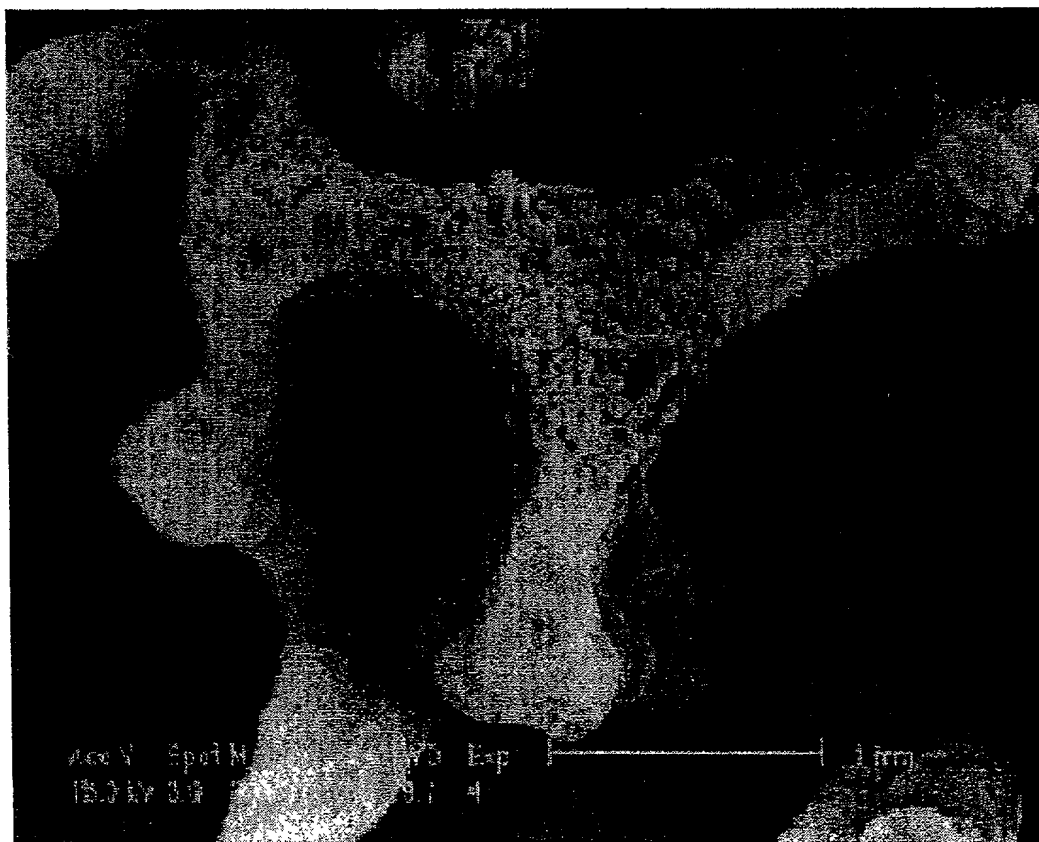


Figure 2B

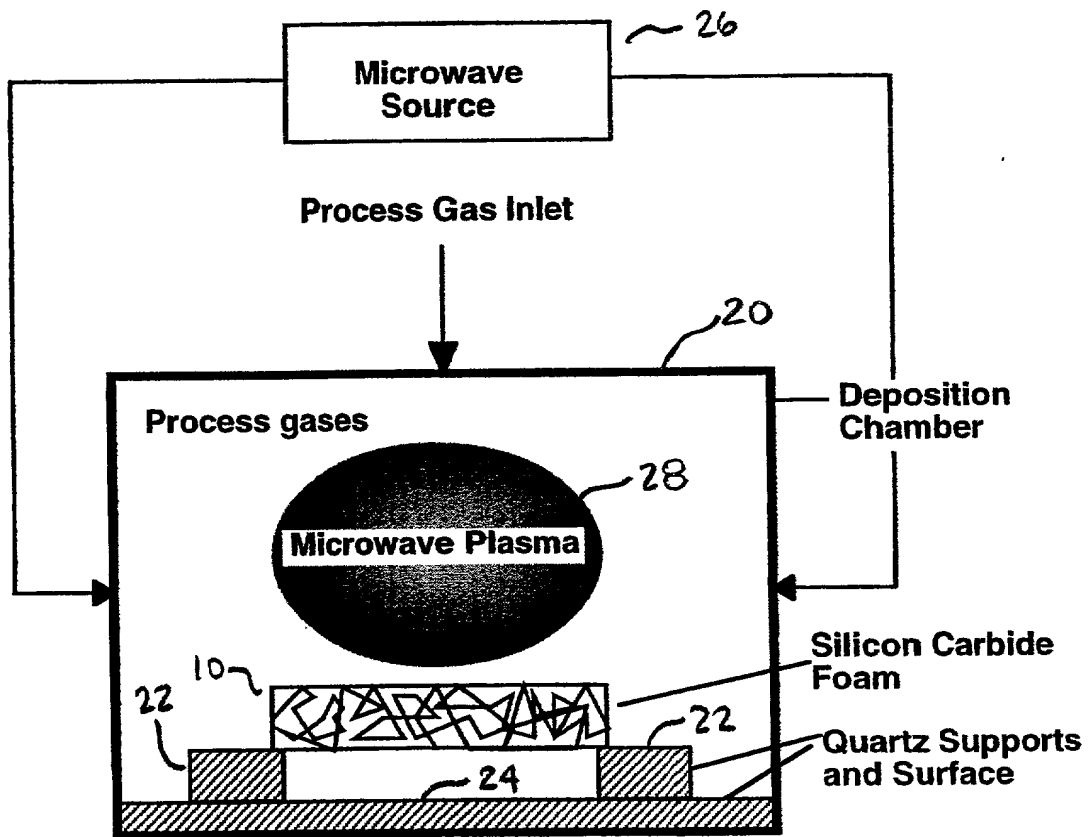


Figure 3

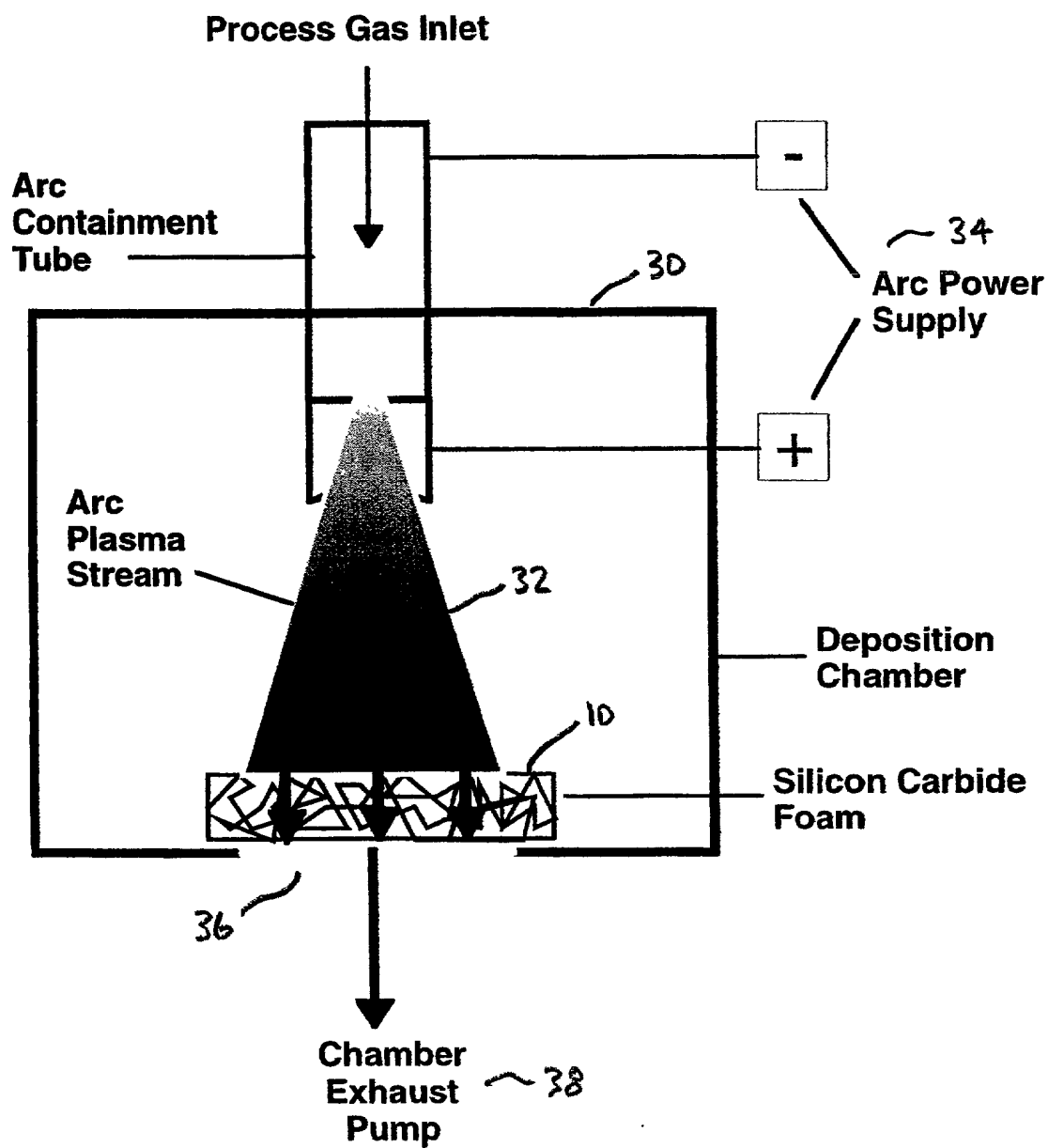


Figure 4

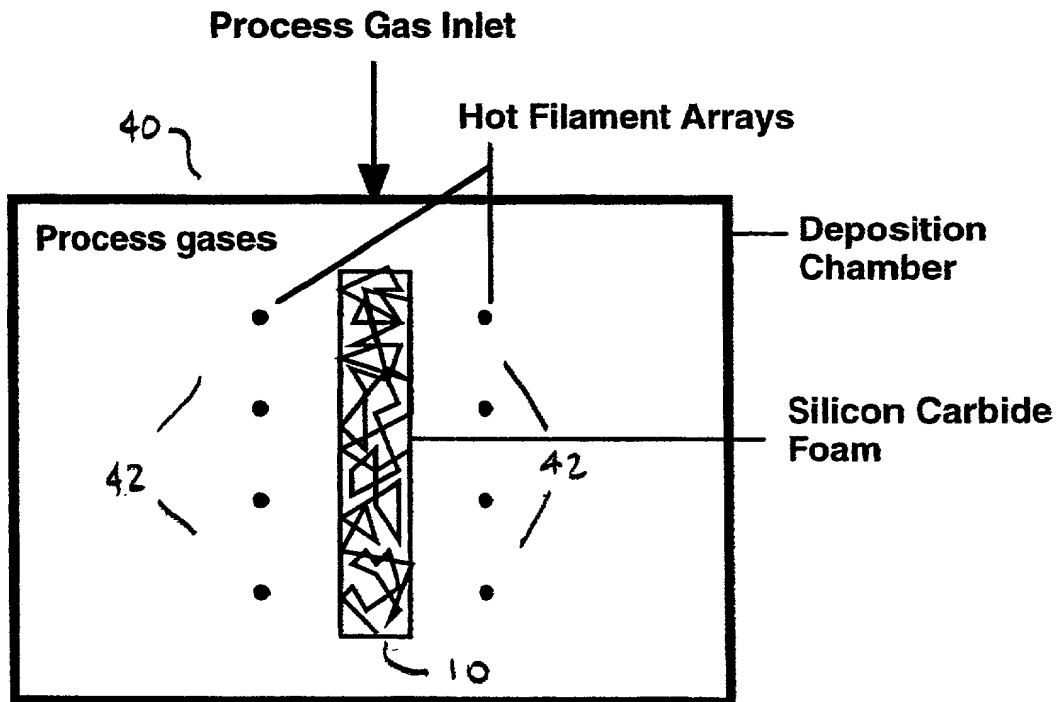


Figure 5

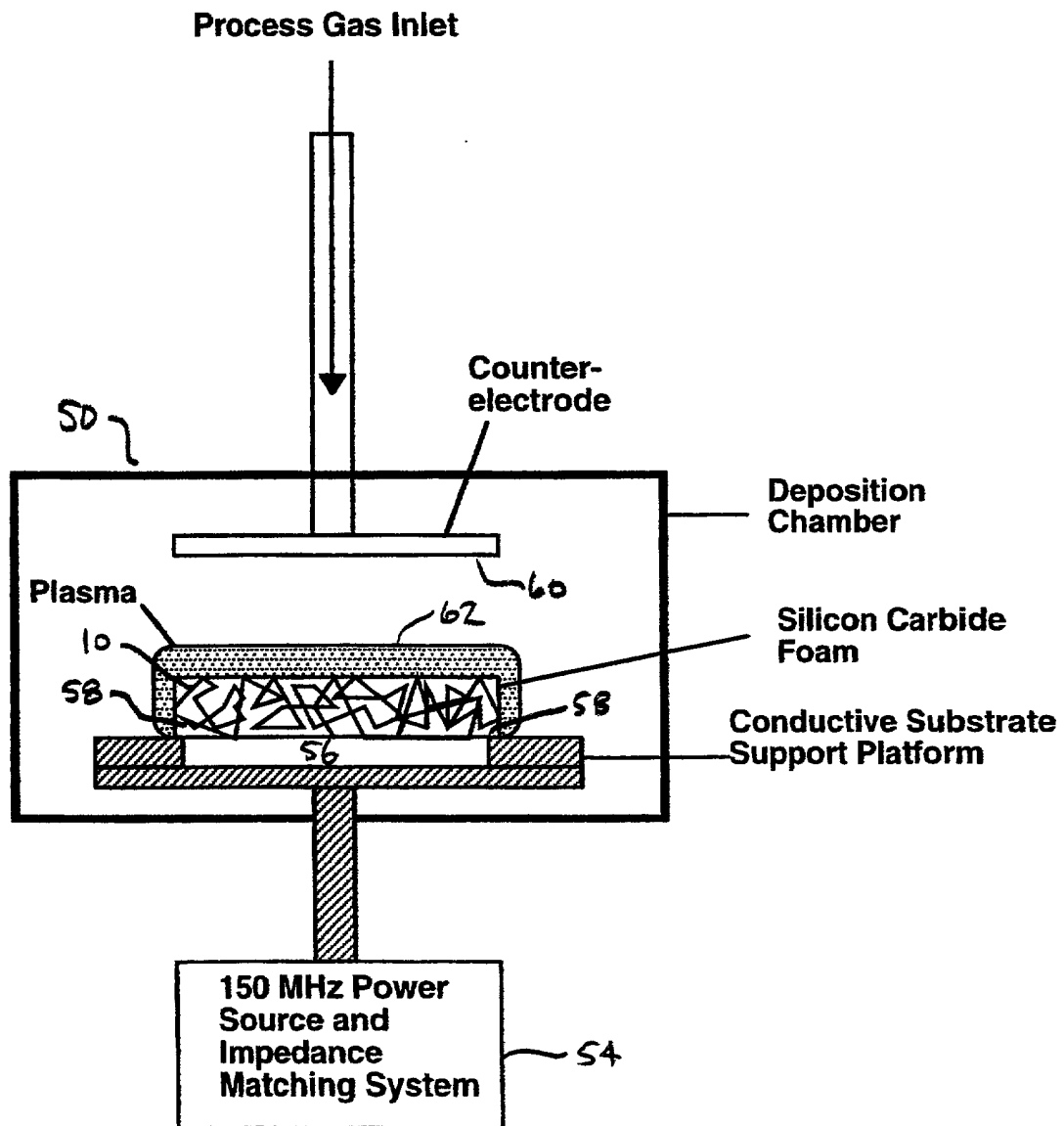


Figure 6

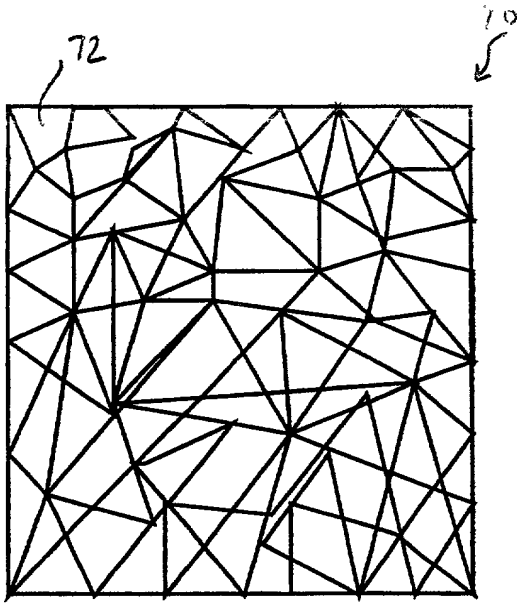


Figure 7A

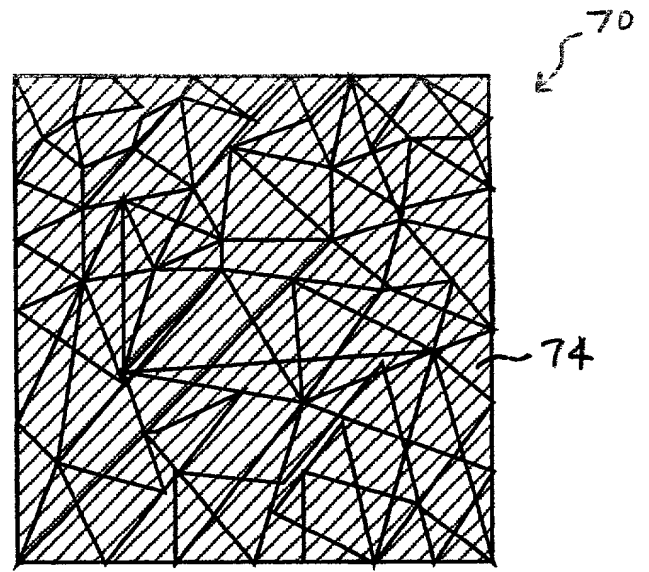


Figure 7C

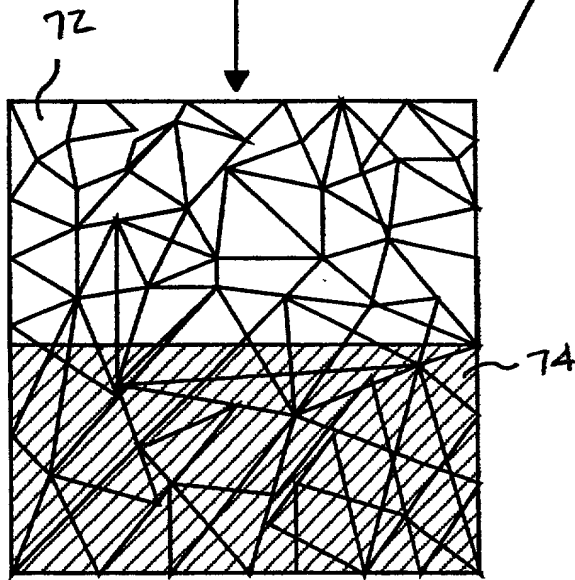


Figure 7B

## Partial and Complete Infiltration

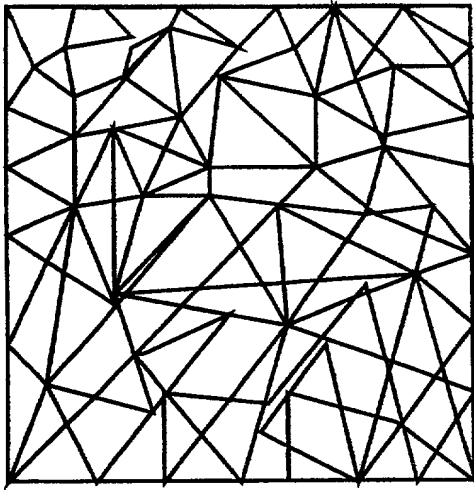


Figure 8A

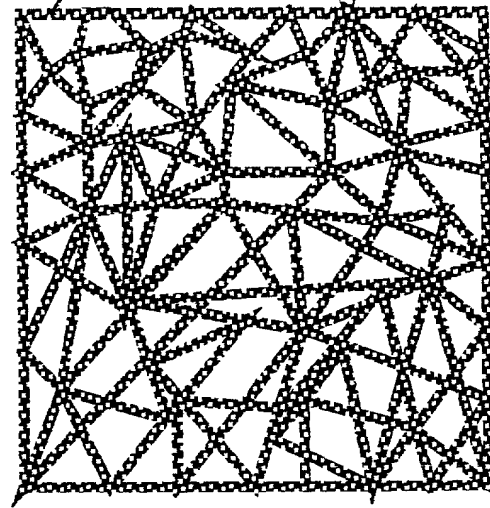


Figure 8C

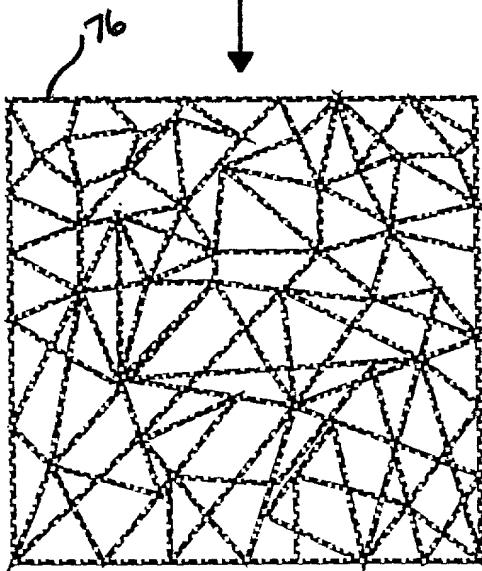


Figure 8B

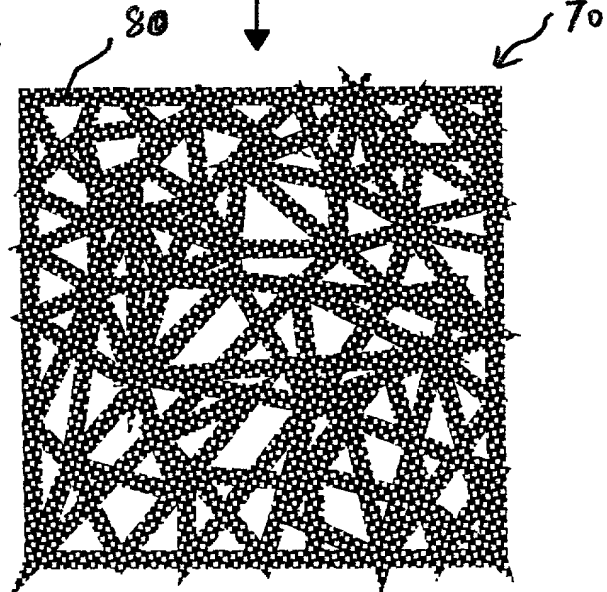
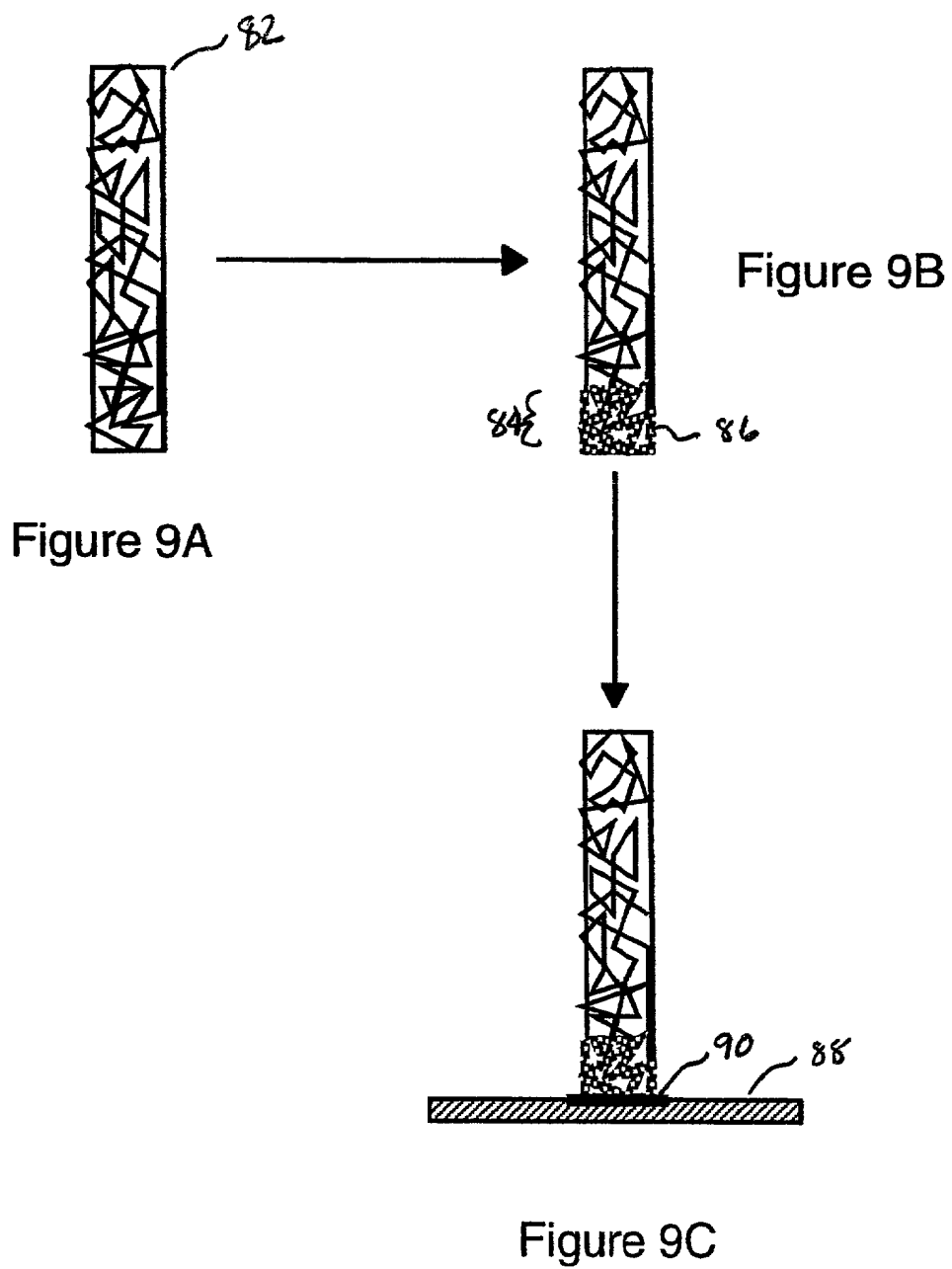


Figure 8D

Dip Coating





## Soldering Diamond Foam to Additional Materials

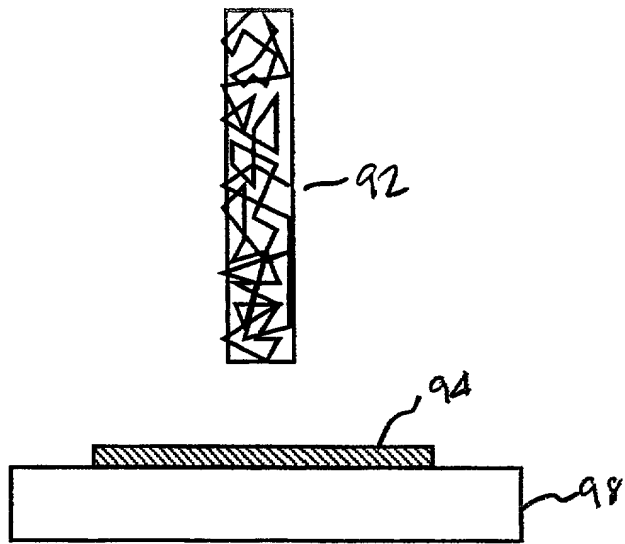


Figure 10A

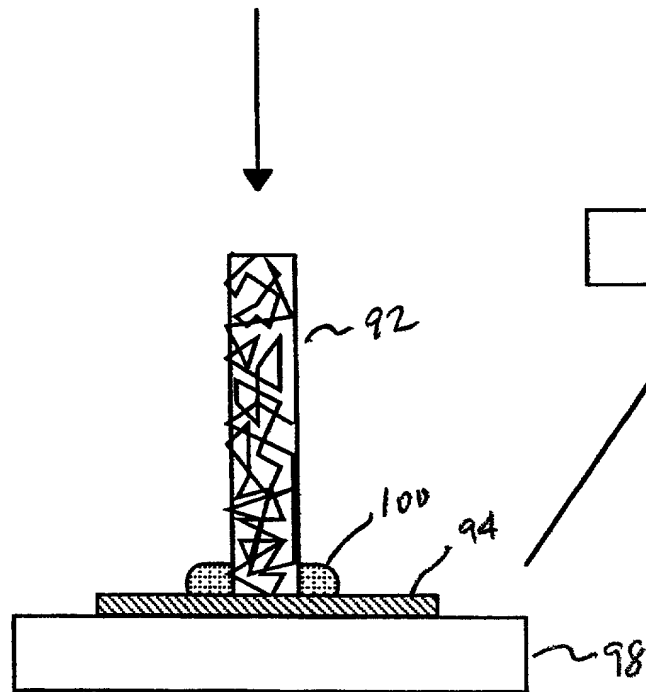


Figure 10B

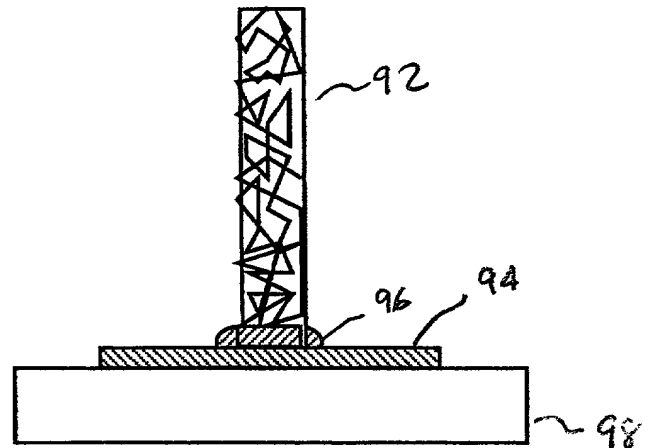


Figure 10C

Joining Diamond Foam to Diamond Film  
by Diamond Deposition